OIPE TAP40
MAY 19 2006
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Confirmation No.: 2224
STUMBO *et al.*	Art Unit: 2815
Appl. No.: 10/806,361	Examiner: Jackson Jr., Jerome
Filed: March 23, 2004	Atty. Docket: 2132.0190000
For: **Nanowire Varactor Diode and Methods of Making Same**	

Submission of Drawings

Mail Stop Amendment

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith are four sheets of Replacement drawings with Figures 1A-1E, 2A-2B, and 3, corresponding to the above-captioned application. Identification of the drawings is provided in accordance with 37 C.F.R. § 1.84(c). Acknowledgment of the receipt, approval, and entry of these drawings into this application is respectfully requested.

It is not believed that an extension of time is required, other than any already provided herewith. However, if an extension of time is needed to prevent abandonment of the application, then such extension of time is hereby petitioned. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Donald J. Featherstone
Attorney for Applicants
Registration No. 33,876

Date: 5/19/06

1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600
534742_1.DOC

Sterne Kessler Goldstein Fox
ATTORNEYS AT LAW

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Robert Greene Sterne
Jorge A. Goldstein
David K.S. Cornwell
Robert W. Esmond
Tracy-Gene G. Durkin
Michele A. Cimbala
Michael B. Ray
Robert E. Sokohl
Eric K. Steffe
Michael Q. Lee
Steven R. Ludwig
John M. Covert
Linda E. Horner
Robert C. Millonig
Donald J. Featherstone
Timothy J. Shea, Jr
Michael V. Messinger
Judith U. Kim

Patrick E. Garrett
Jeffrey T. Helvey
Heidi L. Kraus
Eldora L. Ellison
Thomas C. Fiala
Donald R. Banowit
Peter A. Jackman
Jeffrey S. Weaver
Brian J. Del Buono
Edward W. Yee
Vincent L. Capuano
Virgil Lee Beaston
Theodore A. Wood
Elizabeth J. Haanes
Joseph S. Ostroff
Frank R. Cottingham
Rae Lynn P. Guest
Daniel A. Klein

Jason D. Eisenberg
Michael D. Specht
Tracy L. Muller
Jon E. Wright
LuAnne M. DeSantis
Ann E. Summerfield
Helene C. Carlson
Cynthia M. Bouchez
Timothy A. Doyle
Gaby L. Longsworth
Lori A. Gordon
Laura A. Vogel
Bryan S. Wade
Bashir M.S. Ali
Shannon A. Carroll
Matthew E. Kelley
Michelle K. Holoubek
Marsha A. Rose

Young Tang
Christopher J. Walsh
W. Blake Coblentz+
James J. Pohl*
John T. Haran+
Mark W. Rygiel
Kevin W. McCabe

Registered Patent Agents•
Karen R. Markowicz
Matthew J. Dowd
Katrina Yujian Pei Quach
Bryan L. Skelton
Robert A. Schwartzman
Victoria S. Rutherford
Simon J. Elliott
Julie A. Heider
Mita Mukherjee

Scott M. Woodhouse
Liliana Di Nola-Baron
Peter A. Socarras
Jeffrey K. Mills
Danielle L. Letting
Lori Brandes
Steven C. Oppenheimer

Of Counsel
Edward J. Kessler
Kenneth C. Bass III
Marvin C. Guthrie

*Admitted only in Maryland
+Admitted only in Virginia
•Practice Limited to Federal Agencies

May 19, 2006

WRITER'S DIRECT NUMBER:
(202) 772-8629
INTERNET ADDRESS:
DONF@SKGF.COM

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Mail Stop Amendment

Re: U.S. Utility Patent Application
Appl. No. 10/806,361; Filed: March 23, 2004
For: **Nanowire Varactor Diode and Methods of Making Same**
Inventors: STUMBO *et al.*
Our Ref: 2132.0190000

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Fee Transmittal Form (PTO/SB/17);
2. Credit Card Payment Form in the amount of $125.00 to cover $25.00 fee for excess total claims and $100.00 fee for excess independent claims;
3. Amendment and Reply under 37 C.F.R. 1.111;
4. Submission of Drawings;
5. Four (4) sheets of drawings (Figures 1A-1E, 2A-2B, and 3); and
6. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the filing date of these documents and returned to our courier. The U.S. Patent and Trademark Office is hereby

authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Donald J. Featherstone
Attorney for Applicants
Registration No. 33,876

DJF/MDS/mlb
Enclosures
534746_1.DOC

OIPE TAPAD
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PTO/SB/17 (01-06)
Approved for use through 07/31/2006. OMB 0651-0032
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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL
For FY 2006

[X] Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT	($)	4125.00

Complete if Known	
Application Number	10/806,361
Filing Date	March 23, 2004
First Named Inventor	David STUMBO
Examiner Name	Jackson Jr., Jerome
Art Unit	2815
Attorney Docket No.	2132.0190000

METHOD OF PAYMENT (check all that apply)

[] Check [X] Credit Card [] Money Order [] None [] Other (please identify): _____

[X] Deposit Account Deposit Account Number: 19-0036 Deposit Account Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

[] Charge fee(s) indicated below [] Charge fee(s) indicated below, **except for the filing fee**

[X] Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 [X] Credit any overpayments

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FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

	FILING FEES		SEARCH FEES		EXAMINATION FEES		
		Small Entity		Small Entity		Small Entity	
Application Type	Fee ($)	Fee ($)	Fee ($)	Fee ($)	Fee ($)	Fee ($)	Fees Paid ($)
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee ($)	Small Entity Fee ($)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims		Extra Claims	Fee ($)		Fee Paid ($)
40	- 20 or HP 39	1	x 25.00	=	25.00

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims		Extra Claims	Fee ($)		Fee Paid ($)
5	- 3 or HP 4	1	x 100.00	=	100.00

HP = highest number of independent claims paid for, if greater than 3.

Multiple Dependent Claims	
Fee ($)	Fee Paid ($)

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is $250 ($125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets		Extra Sheets		Number of each additional 50 or fraction thereof	Fee ($)		Fee Paid ($)
	- 100 =		/ 50 =	(round up to a whole number)	x	=	

4. OTHER FEE(S)

	Fees Paid ($)
Non-English Specification, $130 fee (no small entity discount)	
Other (e.g., late filing surcharge):	

The PTO did not receive the following listed item(s) TOTAL PAYMENT OF $125 NOT SUFFICIENT

SUBMITTED BY			
Signature	Donald J. Featherstone	Registration No. (Attorney/Agent) 33,876	Telephone (202) 371-2600
Name (Print/Type)	Donald J. Featherstone		Date 5/19/06

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.